

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX061618\
 Data File : VX002652.D
 Acq On : 16 Jun 2018 17:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 18 01:53:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	93	0.00
2 T	Dichlorodifluoromethane	0.531	0.462	13.0	85	0.00
3 P	Chloromethane	0.631	0.504	20.1#	79	0.00
4 C	Vinyl Chloride	0.655	0.581	11.3#	84	0.00
5 T	Bromomethane	0.395	0.318	19.5	85	0.00
6 T	Chloroethane	0.432	0.393	9.0	88	0.00
7 T	Trichlorofluoromethane	1.065	0.998	6.3	86	0.00
8 T	Diethyl Ether	0.405	0.360	11.1	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.595	0.561	5.7	87	0.00
10 T	Methyl Iodide	0.733	0.492	32.9#	61	0.00
11 T	Tert butyl alcohol	0.157	0.147	6.4	93	0.00
12 CM	1,1-Dichloroethene	0.559	0.506	9.5#	86	0.00
13 T	Acrolein	0.080	0.053	33.8#	70	0.00
14 T	Allyl chloride	1.109	1.030	7.1	88	0.00
15 T	Acrylonitrile	0.343	0.317	7.6	90	0.00
16 T	Acetone	0.335	0.347	-3.6	104	0.00
17 T	Carbon Disulfide	1.325	1.286	2.9	89	0.00
18 T	Methyl Acetate	0.893	0.855	4.3	92	0.00
19 T	Methyl tert-butyl Ether	2.096	1.884	10.1	87	0.00
20 T	Methylene Chloride	0.687	0.577	16.0	87	0.00
21 T	trans-1,2-Dichloroethene	0.606	0.549	9.4	87	0.00
22 T	Diisopropyl ether	2.007	1.829	8.9	89	0.00
23 T	Vinyl Acetate	1.680	1.579	6.0	91	0.00
24 P	1,1-Dichloroethane	1.089	1.089	0.0	104	0.00
25 T	2-Butanone	0.440	0.443	-0.7	97	0.00
26 T	2,2-Dichloropropane	0.783	0.769	1.8	91	0.00
27 T	cis-1,2-Dichloroethene	0.617	0.578	6.3	92	0.00
28 T	Bromochloromethane	0.510	0.496	2.7	90	0.00
29 T	Tetrahydrofuran	0.289	0.276	4.5	92	0.00
30 C	Chloroform	1.050	1.027	2.2#	93	0.00
31 T	Cyclohexane	0.897	0.859	4.2	88	0.00
32 T	1,1,1-Trichloroethane	0.879	0.887	-0.9	92	0.00
33 S	1,2-Dichloroethane-d4	0.760	0.732	3.7	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.399	0.422	-5.8	97	0.00
36 T	1,1-Dichloropropene	0.531	0.527	0.8	89	0.00
37 T	Ethyl Acetate	0.601	0.597	0.7	91	0.00
38 T	Carbon Tetrachloride	0.529	0.568	-7.4	92	0.00
39 T	Methylcyclohexane	0.621	0.632	-1.8	87	0.00
40 TM	Benzene	1.592	1.584	0.5	90	0.00
41 T	Methacrylonitrile	0.339	0.340	-0.3	92	0.00
42 TM	1,2-Dichloroethane	0.616	0.617	-0.2	91	0.00
43 T	Isopropyl Acetate	0.996	0.980	1.6	88	0.00
44 TM	Trichloroethene	0.460	0.460	0.0	90	0.00
45 C	1,2-Dichloropropane	0.419	0.424	-1.2#	92	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.280	0.286	-2.1	92	0.00
47 T	Bromodichloromethane	0.494	0.534	-8.1	93	0.00
48 T	Methyl methacrylate	0.509	0.508	0.2	91	0.00
49 T	1,4-Dioxane	0.010	0.010	0.0	96	0.00
50 S	Toluene-d8	1.515	1.604	-5.9	94	0.00
51 T	4-Methyl-2-Pentanone	0.639	0.652	-2.0	91	0.00
52 CM	Toluene	1.016	1.031	-1.5#	90	0.00
53 T	t-1,3-Dichloropropene	0.582	0.634	-8.9	91	0.00
54 T	cis-1,3-Dichloropropene	0.539	0.582	-8.0	90	0.00
55 T	1,1,2-Trichloroethane	0.410	0.422	-2.9	92	0.00
56 T	Ethyl methacrylate	0.632	0.651	-3.0	90	0.00
57 T	1,3-Dichloropropane	0.694	0.691	0.4	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.305	0.308	-1.0	90	0.00
59 T	2-Hexanone	0.482	0.513	-6.4	94	0.00
60 T	Dibromochloromethane	0.396	0.442	-11.6	94	0.00
61 T	1,2-Dibromoethane	0.425	0.445	-4.7	91	0.00
62 S	4-Bromofluorobenzene	0.574	0.604	-5.2	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.555	0.528	4.9	87	0.00
65 PM	Chlorobenzene	1.228	1.212	1.3	91	0.00
66 T	1,1,1,2-Tetrachloroethane	0.419	0.441	-5.3	93	0.00
67 C	Ethyl Benzene	2.071	2.083	-0.6#	90	0.00
68 T	m/p-Xylenes	0.799	0.802	-0.4	90	0.00
69 T	o-Xylene	0.785	0.790	-0.6	92	0.00
70 T	Styrene	1.291	1.329	-2.9	91	0.00
71 P	Bromoform	0.315	0.342	-8.6	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	3.344	3.361	-0.5	91	0.00
74 T	N-amyl acetate	1.661	1.542	7.2	88	0.00
75 P	1,1,2,2-Tetrachloroethane	0.988	0.999	-1.1	96	0.00
76 T	1,2,3-Trichloropropane	0.943	0.987	-4.7	104	0.00
77 T	Bromobenzene	0.932	0.927	0.5	93	0.00
78 T	n-propylbenzene	3.835	3.833	0.1	90	0.00
79 T	2-Chlorotoluene	2.290	2.254	1.6	92	0.00
80 T	1,3,5-Trimethylbenzene	2.826	2.840	-0.5	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.249	0.253	-1.6	88	0.00
82 T	4-Chlorotoluene	2.702	2.675	1.0	91	0.00
83 T	tert-Butylbenzene	2.723	2.795	-2.6	92	0.00
84 T	1,2,4-Trimethylbenzene	2.884	2.930	-1.6	92	0.00
85 T	sec-Butylbenzene	3.385	3.465	-2.4	91	0.00
86 T	p-Isopropyltoluene	3.063	3.121	-1.9	91	0.00
87 T	1,3-Dichlorobenzene	1.709	1.693	0.9	92	0.00
88 T	1,4-Dichlorobenzene	1.738	1.700	2.2	91	0.00
89 T	n-Butylbenzene	2.702	2.782	-3.0	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.423	0.440	-4.0	90	0.00
91 T	1,2-Dichlorobenzene	1.720	1.736	-0.9	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.207	0.225	-8.7	95	0.00
93 T	1,2,4-Trichlorobenzene	1.248	1.267	-1.5	91	0.00
94 T	Hexachlorobutadiene	0.657	0.685	-4.3	92	0.00
95 T	Naphthalene	3.358	3.511	-4.6	92	0.00
96 T	1,2,3-Trichlorobenzene	1.253	1.299	-3.7	94	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6